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 CENTRAL INTELLIGENCE AGENCY
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SECRET **INFORMATION REPORT**

COUNTRY Germany (Russian Zone)

SUBJECT Guided Missile Projects of AEG
 Schraubenfabrik, Berlin-Oberschöneweide

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SUPPLEMENT TO 25X1X
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1. The AEG Schraubenfabrik in Berlin-Oberschöneweide is working on Schmetterling and Wasserfall projects under the direction of a Soviet civil engineer, (fnu) Kapiro. No important progress has been made and the work still consists of attempts to develop the original German designs.

2. The gyroscope has presented special problems for AEG. It has not been possible to stabilize the gyroscope sufficiently during unusual deviations from the normal course of the rocket. It is planned to try an auxiliary motor for the gyro system and to utilize the Henschel interceptor steering system.

25X1A

Comment: Specific rocket reference is lacking in the original of Paragraph 2. The Schmetterling is mentioned only in Paragraph 1.

3. Wasserfall work consists of planning and developing the guide beam steering and vane motor. No difficulties are anticipated in construction of the guide beam in conjunction with high-frequency, but a satisfactory vane motor has so far eluded AEG research; chiefly, sufficient vane motor reaction to guide beam impulses has not been obtained. The vane motor employed appears to be based on Siemens models.

25X1X

Work also is being performed on high-ohmic ring potentiometers.

25X1X

Soviet attempts to develop 6,000 Ohm ring potentiometers indicates that there is only slight deviation from the original German project. Judging from the conversation of Russian engineers, it seems possible that such equipment has not yet been tested in the USSR.

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